

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A thrombus capture catheter comprising:

a sheath with a lumen passing therethrough from a proximal end thereof to a distal end thereof and being closed at the proximal end thereof by a closing member;

a flexible shaft having a proximal end and a distal end, said flexible shaft being a wire member and being removably arranged in the lumen of said sheath; and

a thrombus capture member having a proximal end and a distal end and being provided on the distal end a distal portion of said shaft;

said thrombus capture member comprising a crossed wire member and a filter attached thereto, said crossed wire member being comprised of plural wires spirally configured and crossed with one another to have an original configuration swollen in middle portion and tapered to the proximal and the distal ends thereof under a normal condition, said filter being provided with pores and being mounted on the distal side of said crossed wire member to cover a part of the swollen portion thereof, said crossed wire member being fixed at the proximal end thereof to said shaft and being slidably mounted at the distal end on said shaft, said shaft passing through the thrombus capture member and protruding from the distal end of the thrombus capture member, said thrombus capture member being removably held in said sheath in a contracted condition being restorable to said original configuration thereof when protruded from said sheath through the distal end thereof.

2. (Cancelled)
3. (Previously Presented) The thrombus capture catheter according to claim 1, wherein pores of said filter have a diameter ranging from 50 to 1000 micrometers.
4. (Currently Amended) The thrombus capture catheter according to claim 1, wherein said closing member is a tubular member having a closed proximal end and an open distal end into which said sheath is inserted, said closing member is provided on a central axis thereof with a through-hole passing through said closed proximal end thereof for insertion of said shaft and has includes a hemostatic valve arranged close to the through-hole, and wherein the proximal portion of said shaft is protruded from the sheath through said through hole and hemostatic valve.
5. (Original) The thrombus capture catheter according to claim 1, wherein said sheath is provided in a side wall close to the distal end thereof with a side hole allowing the shaft to pass therethrough, and with a second lumen communicated with said proximal side wall and allowing said thrombus capture member to pass through, a part of said shaft extending beyond a proximal side of said thrombus capture member being protruded from the sheath through said side hole.
6. (Original) The thrombus capture catheter according to claim 1, wherein said closing member is provided with a side infusion tube.
7. (Currently Amended) The thrombus capture catheter according to claim 1, wherein said thrombus capture member is further provided at the distal end thereof with a slide ring assembly comprising an inner ring and an outer ring, the wires of said crossed wire member being sandwiched between and filed thereto-fixed to said inner and outer rings at the distal ends of said

thrombus capture member, said inner ring being slidably mounted on the shaft to allow said thrombus capture member to be moved along the shaft.

8. (Previously Presented) The thrombus capture catheter according to claim 1, wherein said thrombus capture member is slidably attached at the distal end thereof to the shaft by a slide ring and fixed at the proximal end thereof to the shaft by a fixed ring.